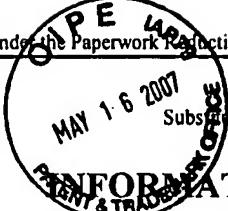


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 Substitute for Form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application No.	10/789,471
Sheet	1	of	42	Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	
				05213-3001(13663-105082)	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ⁵ (if known)			
/K.B./	1	5,521,168		Clark	05/28/1996	
	2	5,629,340		Kuwano et al.	05/13/1997	
	3	5,639,725		O'Reilly et al.	06/17/1997	
	4	5,646,136	A	Petrow	07/08/1997	
	5	5,716,981		Hunter et al.	02/10/1998	
	6	5,733,876		O'Reilly et al.	03/31/1998	
	7	5,763,432		Tanabe et al.	06/09/1998	
	8	5,776,704		O'Reilly et al.	07/07/1998	
	9	5,792,845		O'Reilly et al.	08/11/1998	
	10	5,837,682		O'Reilly	11/17/1998	
	11	5,854,205		O'Reilly et al.	12/29/1998	
	12	5,854,221		Cao et al.	12/29/1998	
	13	5,861,372		Folkman et al.	01/19/1999	
	14	5,885,795		O'Reilly et al.	03/23/1999	
	15	5,919,459	A	Nacy et al.	07/06/1999	
	16	5,958,892		Mukhopadhyay et al.	09/28/1999	
	17	6,046,186		Tanabe et al.	04/04/2000	
	18	6,054,598		Sachdeva et al.	04/25/2000	
	19	6,136,992		Ram et al.	10/24/2000	
	20	6,200,966		Stewart	03/13/2001	
	21	6,239,123		Green et al.	05/29/2001	
	22	6,284,789	B1	LaLonde et al.	09/04/2001	
↓	23	6,346,510	B1	O'Reilly et al.	02/12/2002	
	24	6,358,940	B1	Conney	03/19/2002	
/K.B./	25	6,399,773	B1	Liu et al.	06/04/2002	
Examiner Signature	/Kristie Brooks/			Date Considered	07/23/2007	

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	42	Attorney Docket Number	05213-3001 (13663-105082)
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U.S. PATENT DOCUMENTS

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		Number ⁴	Kind Code ³ (if known)			
/K.B./	26	6,410,029	B1	Mukhopadhyay et al.	06/25/2002	
	27	6,448,419	B1	Paaren et al.	09/10/2002	
	28	6,514,971	B1	Thomas et al.	02/04/2003	
	29	6,593,321	B2	Rao et al.	07/15/2003	
	30	6,605,622	B2	Green et al.	08/12/2003	
	31	6,998,395	A1	Jackson et al.	02/14/2006	
/K.B./	32	2002/0068724	A1	Slaga et al.	06/06/2002	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Application No.	10/789,471
Filing Date	02/27/2004
First Named Inventor	D'Amato et al.
Group Art Unit	1609
Examiner Name	Brooks, Kristie L.

Attorney Docket Number 05213-3001 (13663-105082)

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
/K.B./	33	GB	2252498	A	Farmitalia Carlo Erba S.r.l.	08/12/1992	
	34	JP	04-046120		Kyowa Hakko Kogyo Co Ltd	02/17/1992	
	35	JP	62-135472		Yakult Honsha Co Ltd	06/18/1987	
	36	WO	00/07576	A2	ENDORECHERCHE, INC	02/17/2000	
	37	WO	00/10552	A2	Global Vascular Concepts, Inc.	03/02/2000	
	38	WO	00/66095	A2	Sterix Limited	11/09/2000	
	39	WO	00/68246	A1	Research Institute for Medicine and Chemistry Inc.	11/16/2000	
	40	WO	01/27132	A1	The University of Melbourne	04/19/2001	
	41	WO	01/85755	A1	Research Institute for Medicine and Chemistry Inc. and Marsden, John	11/15/2001	
	42	WO	02/15910	A1	Sterix Limited	02/28/2002	
	43	WO	88/03151	A2	Board of Regents, The University of Texas System	05/05/1988	
✓	44	WO	93/10805	A1	Cor Therapeutics, Inc.	06/10/1993	
/K.B./	45	WO	98/32763	A1	SRJ International	07/30/1998	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴				
/K.B./	46	WO	98/40398	Pharm-Eco Laboratories, Inc.	09/17/1998		
	47	WO	99/01142	A1	Hyal Pharmaceutical Corporation	01/14/1999	
	48	WO	99/22728	A1	Arch Development Corporation	05/14/1999	
	49	WO	99/33858	A3	SRI International	07/08/1999	
	50	WO	99/33859	A2	SRI International	07/08/1999	
↓	51	WO	99/35150	A3	Arizona Board of Regents	07/15/1999	
/K.B./	52	WO	2004/101595	A1	Cryptopharma Pty Ltd.	11/25/2004	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known			
Sheet 5 of 42				Application No.	10/789,471		
				Filing Date	02/27/2004		
				First Named Inventor	D'Amato et al.		
				Group Art Unit	1609		
				Examiner Name	Brooks, Kristie L.		
				Attorney Docket Number	05213-3001 (13663-105082)		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶	
/K.B./	53	Author: <u>Publ:</u> <u>Genetic Engineering News</u>	Title: News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology				
	54	Author: <u>Publ:</u> <u>Genetic Engineering News</u>	Title: News Article: Advanced Drug Delivery Systems Peak Interest of Pharmaceutical & Biotech Firms				
	55	Author: <u>Publ:</u> <u>Genetic Engineering News</u>	Title: News Article: Nasal Spray for Treating Bleeding Disorders				
	56	Author: <u>Publ:</u> <u>EntreMed Website Article</u>	Title: 2-Methoxyestradiol - An Orally Active Endogenous Inhibitor of Angiogenesis				
	57	Author: <u>Publ:</u> <u>Merck Manual of Diagnosis and Therapy</u>	Title: Peripheral Ulcerative Keratitis (Marginal Keratolysis; Peripheral Rheumatoid Ulceration) (Abstract only-Applicants do not have complete copy)				
	58	Author: AGUAYO et al. <u>Publ:</u> <u>Blood</u>	Title: Angiogenesis in Acute and Chronic Leukemias and Myelodysplastic Syndrome				
V	59	Author: AKOVA et al. <u>Publ:</u> <u>Ocular Immunology and Inflammation</u>	Title: Optic Disk Neovascularization in a Patient with Cytomegalovirus Retinitis Associated with Renal Transplantation (Abstract only-Applicants do not have complete copy)				
			Vol/Iss: 96 (6)	Pages: 2240-2245	Date: 09/15/2000		
			Vol/Iss: 8 (1)	Pages: 63-65	Date: 03/01/2000		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Application No.	10/789,471
Filing Date	02/27/2004
First Named Inventor	D'Amato et al.
Group Art Unit	1609
Examiner Name	Brooks, Kristie L.
Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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/K.B./	60	Author: AMANT et al. Publ: <u>Gynecologic Oncology</u>	Title: 2-Methoxyestradiol strongly inhibits human uterine sarcomatous cell growth		
			Vol/Iss: 91	Pages: 299-308	Date: 01/2003
	61	Author: AMORINO et al. Publ: <u>Radiation Research</u>	Title: Enhancement of Radiation Effects <i>In Vitro</i> by the Estrogen Metabolite 2-Methoxyestradiol		
			Vol/Iss: 153	Pages: 384-391	Date: 01/01/2000
	62	Author: ANDERSON et al. Publ: <u>Hematology</u>	Title: Multiple Myeloma: New Insights and Therapeutic Approaches (Abstract only-Applicants do not have complete copy)		
			Vol/Iss:	Pages: 147-165	Date: 01/01/2000
	63	Author: ANSTEAD et al. Publ: <u>Steroids</u>	Title: The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site		
			Vol/Iss: 62	Pages: 268-303	Date: 1997
	64	Author: ARMSTRONG et al. Publ: <u>Ophthalmologica</u>	Title: Detection of Vascular Endothelial Growth Factor and Tumor Necrosis Factor Alpha in Epiretinal Membranes of Proliferative Diabetic Retinopathy, Proliferative Vitreoretinopathy and Macular Pucker (Abstract only-Applicants do not have complete copy)		
			Vol/Iss: 212 (6)	Pages: 410-414	Date: 11/1998
↓	65	Author: ATTALLA et al. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: 2-Methoxyestradiol Arrests Cells in Mitosis without Depolymerizing Tubulin		
			Vol/Iss: 228	Pages: 467-473	Date: 1996
/K.B./	66	Author: ATTALLA et al. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: 2-Methoxyestradiol-Induced Phosphorylation of Bcl-2: Uncoupling from JNK/SAPK Activation (Abstract only-Applicants do not have complete copy)		
			Vol/Iss: 247 (3)	Pages: 616-619	Date: 6/29/1998

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	7	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B.	67	Author: AVVAKUMOV et al. Publ: <u>The Journal of Biological Chemistry</u>	Title: Crystal Structure of Human Sex Hormone-binding Globulin in Complex with 2-Methoxyestradiol Reveals the Molecular Basis for High Affinity Interactions with C-2 Derivatives of Estradiol Vol/Iss: 277 (47) Pages: 45219-45225 Date: 11/22/2002		
	68	Author: AYALA et al. Publ: <u>Shock</u>	Title: The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only-Applicants do not have complete copy) Vol/Iss: 3 (4) Pages: 259-267 Date: 04/1995		
	69	Author: AZUMA, H. Publ: <u>Journal of Medical Investigation</u>	Title: Genetic and Molecular Pathogenesis of Hereditary Hemorrhagic Telangiectasia Vol/Iss: 47 (3-4) Pages: 81-90 Date: 08/01/2000		
	70	Author: BACHARACH et al. Publ: <u>Proceedings of the National Academy of Science USA</u>	Title: In vivo Patterns of Expression of Urokinase and Its Inhibitor PAI-1 Suggest a Conceted Role in Regulating Physiological Angiogenesis Vol/Iss: 89 (22) Pages: 10686-10690 Date: 11/15/1992		
	71	Author: BAER et al. Publ: <u>Ophthalmology</u>	Title: Corneal Laser Photocoagulation for Treatment of Neovascularization. Efficacy of 577 nm Yellow Dye Laser (Abstract only-Applicants do not have complete copy) Vol/Iss: 99 (2) Pages: 173-179 Date: 02/01/1992		
	72	Author: BANERJEE et al. Publ: <u>Anticancer Research</u>	Title: 2-Methoxyestradiol Blocks Estrogen-Induced Rat Pituitary Tumor Growth and Tumor Angiogenesis: Possible Role of Vascular Endothelial Growth Factor Vol/Iss: 20 Pages: 2641-2646 Date: 01/01/2000		
/K.B.	73	Author: BARCZYK et al. Publ: <u>Roczniki Akademii Medycznej w Białymostku (Białystok)</u>	Title: Mast Cells in the Gastrointestinal Tract (Abstract only-Applicants do not have complete copy) Vol/Iss: 40 (1) Pages: 36-57 Date: 01/01/1995		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Sheet	8	of	42	Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
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/K.B./	74	Author: BHOOOMA et al. Publ: <u>Current Eye Research</u>	Title: Eales' Disease: Accumulation of Reactive Oxygen Intermediates and Lipid Peroxides and Decrease of Antioxidants Causing Inflammation, Neovascularization and Retinal Damage (Abstract only-Applicants do not have complete copy)	Vol/Iss: 16 (2)	Pages: 91-95	Date: 02/01/1997
	75	Author: BISSELL et al. Publ: <u>Nature Reviews Cancer</u>	Title: Putting Tumours in Context	Vol/Iss: 1 (1)	Pages: 46-54	Date: 10/01/2001
	76	Author: BLAGOSKLONNY et al. Publ: <u>Cancer Research</u>	Title: Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death	Vol/Iss: 57	Pages: 130-135	Date: 01/01/97
	77	Author: BOEHME et al. Publ: <u>Journal of the American Optometric Association</u>	Title: Juxtapapillary Choroidal Neovascular Membrane in a Patient with Paget's Disease and Lattice Corneal Dystrophy (Abstract only-Applicants do not have complete copy)	Vol/Iss: 60 (8)	Pages: 612-616	Date: 08/01/1989
	78	Author: BRODIE, A.M. Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u>	Title: Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only-Applicants do not have complete copy)	Vol/Iss: 49 (4-6)	Pages: 281-287	Date: 06/1994
	79	Author: BRUEGGEMEIER et al. Publ: <u>Journal of Steroid Biochemistry & Molecular Biology</u>	Title: 2-Methoxymethylestradiol: A New 2-Methoxy Estrogen Analog that Exhibits Antiproliferative Activity and Alters Tubulin Dynamics	Vol/Iss: 78	Pages: 145-156	Date: 2001
/K.B./	80	Author: BRUNO et al. Publ: <u>The Lancet</u>	Title: New drugs for treatment of multiple myeloma	Vol/Iss: 5	Pages: 430-442	Date: 07/01/2004

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	9	of	42	Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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/K.B./	81	Author: BU et al. Publ: <u>FEBS Letters</u>	Title: Mechanisms for 2-methoxyestradiol-induced apoptosis of prostate cancer cells		
			Vol/Iss: 531	Pages: 141-151	Date: 01/2002
	82	Author: BURROWS, N.P. Publ: <u>British Medical Journal</u>	Title: Thalidomide Modifies Disease		
			Vol/Iss: 307 (6909)	Pages: 939-940	Date: 10/09/93
	83	Author: CAMPOCHIARO et al. Publ: <u>Journal of Cellular Physiology</u>	Title: Retinal and Choroidal Neovascularization		
			Vol/Iss: 184	Pages: 301-310	Date: 01/01/2000
	84	Author: CARMELIET et al. Publ: <u>Nature Medicine</u>	Title: Angiogenesis in Health and Disease.		
			Vol/Iss: 9 (6)	Pages: 653-660	Date: 06/01/2003
	85	Author: CAROTHERS et al. Publ: <u>Cancer Letters</u>	Title: 2-Methoxyestradiol induces p53-associated apoptosis of colorectal cancer cells		
			Vol/Iss: 187	Pages: 77-86	Date: 01/2002
	86	Author: CHANG et al. Publ: <u>Current Opinions in Orthomatology</u>	Title: Corneal Neovascularization		
			Vol/Iss: 12	Pages: 242-249	Date: 01/01/2001
/K.B./	87	Author: CHAUHAN et al. Publ: <u>Apoptosis</u>	Title: 2-Methoxyestradiol and bortezomib/proteasome-inhibitor overcome dexamethasone-resistance in multiple myeloma cells by modulating Heat Shock Protein-27		
			Vol/Iss: 9	Pages: 149-155	Date: 1/1/2004

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Attorney Docket Number 05213-3001 (13663-105082)

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Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	88	Author: CHAUHAN et al. Publ: <u>Apoptosis</u>	Title: Mechanisms of cell death and survival in multiple myeloma (MM): Therapeutic implications Vol/Iss: 8 (4)	Pages: 337-343	Date: 01/2003
	89	Author: CHAUHAN et al. Publ: <u>Oncogene</u>	Title: Superoxide-dependent and -independent mitochondrial signaling during apoptosis in multiple myeloma cells Vol/Iss: 22	Pages: 6296-6300	Date: 01/2003
	90	Author: CHAUHAN et al. Publ: <u>Blood</u>	Title: 2-Methoxyestradiol overcomes drug resistance in multiple myeloma cells Vol/Iss: 100 (6)	Pages: 2187-2194	Date: 09/15/2002
	91	Author: CLEVELAND et al. Publ: <u>Nature</u>	Title: A Radical Approach to Treatment Vol/Iss: 407	Pages: 309-311	Date: 09/21/2000
	92	Author: CUMMINGS et al. Publ: <u>The American Journal of Surgical Pathology</u>	Title: Apoptosis Vol/Iss: 21 (1)	Pages: 88-101	Date: 1997
	93	Author: CURSIEFEN et al. Publ: <u>Cornea</u>	Title: Angiogenesis in Corneal Disease: Histopathologic Evaluation of 254 Human Corneal Buttons with Neovascularization Vol/Iss: 17 (6)	Pages: 611-613	Date: 11/01/1998
/K.B./	94	Author: CUSHMAN et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site Vol/Iss: 38 (12)	Pages: 2041-2049	Date: 06/09/95

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 11 of 42

Complete if Known	
Application No.	10/789,471
Filing Date	02/27/2004
First Named Inventor	D'Amato et al.
Group Art Unit	1609
Examiner Name	Brooks, Kristie L.
Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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/K.B.	95	Author: CUSHMAN et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects on Tubulin Polymerization and Cancer Cell Growth	Vol/Iss: 40 (15)	Pages: 2323-2334 Date: 1997
	96	Author: D'AMATO et al. Publ: <u>Proceedings of the National Academy of Science USA</u>	Title: 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site	Vol/Iss: 91	Pages: 3964-3968 Date: 04/26/1994
	97	Author: D'AMATO, R.J. et al. Publ: <u>Proceedings of the National Academy of Science USA</u>	Title: Thalidomide is an Inhibitor of Angiogenesis	Vol/Iss: 91	Pages: 4082-4085 Date: 04/01/94
	98	Author: D'AMORE et al. Publ: <u>Annual Review of Physiology</u>	Title: Mechanisms of Angiogenesis	Vol/Iss: 49	Pages: 453-464 Date: 01/01/1987
	99	Author: DANIS et al. Publ: <u>Expert Opinion in Pharmacotherapy</u>	Title: Anti-Angiogenic Therapy of Proliferative Diabetic Retinopathy	Vol/Iss: 2 (3)	Pages: 395-407 Date: 03/01/2001
↓	100	Author: DAVOODPOUR et al. Publ: <u>Nuclear Medicine and Biology</u>	Title: Effects of 2-methoxyestradiol on proliferation, apoptosis and PET-tracer uptake in human prostate cancer cell aggregates	Vol/Iss: 31	Pages: 867-874 Date: 1/1/2004
/K.B./	101	Author: DAWLING et al. Publ: <u>Chem. Res. Toxicol.</u>	Title: In Vitro Model of Mammary Estrogen Metabolism: Structural and Kinetic Differences between Catechol Estrogens 2- and 4-Hydroxyestradiol	Vol/Iss: 17	Pages: 1258-1264 Date: 1/1/2004

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
Sheet	12	of	42	Attorney Docket Number	05213-3001 (13663-105082)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
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/K.B./	102	Author: DAWLING et al.	Title: Methoxyestrogens Exert Feedback Inhibition on Cytochrome P450 and 1A1 and 1B1			
		Publ: <u>Cancer Research</u>		Vol/Iss: 63	Pages: 3127-3132	Date: 06/15/2003
	103	Author: DAY et al.	Title: The effects of 2-substituted oestrogen sulphamates on the growth of prostate and ovarian cancer cells			
		Publ: <u>Journal of Steroid Biochemistry & Molecular Biology</u>		Vol/Iss: 84	Pages: 317-325	Date: 01/2003
	104	Author: De BONO et al.	Title: The Future of Cytotoxic Therapy: Selective Cytotoxicity Based on Biology is the Key			
		Publ: <u>Breast Cancer Research</u>		Vol/Iss: 5 (3)	Pages: 154-159	Date: 03/27/2003
	105	Author: DE LAEY et al.	Title: Hyperlipofuscinosis and Subretinal Fibrosis in Stargardt's Disease			
		Publ: <u>Retina</u>		Vol/Iss: 15 (5)	Pages: 399-406	Date: 01/01/1995
	106	Author: DING et al.	Title: Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only-Applicants do not have complete copy)			
		Publ: <u>Endocrinology</u>		Vol/Iss: 139 (1)	Pages: 213-218	Date: 1998
	107	Author: DINGLI et al.	Title: Promising Preclinical Activity of 2-Methoxyestradiol in Multiple Myeloma			
		Publ: <u>Clinical Cancer Research</u>		Vol/Iss: 8	Pages: 3948-3954	Date: 12/01/2002
/K.B./	108	Author: DJAVAHERI-MERGNY et al.	Title: TNF α Potentiates 2-Methoxyestradiol-Induced Mitochondrial Death Pathway			
		Publ: <u>Annals New York Academy of Sciences</u>		Vol/Iss: 1010	Pages: 159-162	Date: 01/2003

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
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/K.B./	109	Author: DOBOS et al. Publ: <u>International Journal of Cancer</u>	Title: In Vitro and In Vivo Antitumor Effect of 2-Methoxyestradiol on Human Melanoma		
			Vol/Iss: 112	Pages: 771 - 776	Date: 01/2004
	110	Author: DUBEY et al. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: Methoxyestradiols Mediate the Antimitogenic Effects of Estradiol on Vascular Smooth Muscle Cells via Estrogen Receptor-Independent Mechanisms		
			Vol/Iss: 278	Pages: 27-33	Date: 2000
	111	Author: DUBEY et al. Publ: <u>The Journal of Pharmacology and Experimental Therapeutics</u>	Title: Cardiovascular Pharmacology of Estradiol Metabolites		
			Vol/Iss: 308 (2)	Pages: 403 - 409	Date: 01/2004
	112	Author: DUBEY et al. Publ: <u>Hypertension</u>	Title: Catecholamines Block the Antimitogenic Effect of Estradiol on Human Glomerular Mesangial Cells		
			Vol/Iss: 42	Pages: 349-355	Date: 01/2003
	113	Author: DUBEY et al. Publ: <u>Hypertension</u>	Title: Methoxyestradiols Mediate the Antimitogenic Effects of Locally Applied Estradiol on Cardiac Fibroblast Growth		
			Vol/Iss: 39 (Part 2)	Pages: 412-417	Date: 02/2002
	114	Author: DUBEY et al. Publ: <u>Hypertension</u>	Title: Role of Methoxyestradiols in the Growth Inhibitory Effects of Estradiol on Human Glomerular Mesangial Cells		
			Vol/Iss: 39 (Part 2)	Pages: 418-424	Date: 02/2002
/K.B./	115	Author: DUBEY et al. Publ: <u>Hypertension</u>	Title: Estradiol Metabolites Inhibit Endothelin Synthesis by an Estrogen Receptor-Independent Mechanism		
			Vol/Iss: 37 Part 2	Pages: 640-644	Date: 02/01/2001

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				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	14	of	42	Attorney Docket Number	05213-3001 (13663-105082)
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/K.B./	116	Author: EDSALL et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Effects of Altering the Electronics of 2-Methoxyestradiol on Cell Proliferation, on Cytotoxicity in Human Cancer Cell Cultures, and on Tubulin Polymerization Vol/Iss: 47 Pages: 5126 - 5139 Date: 01/2004		
	117	Author: EL-TOMBARY . Publ: <u>Arch. Pharm. Pharm. Med. Chem.</u>	Title: Synthesis, Uterotropic, And Antiuterotropic Activities Of Some Estradiol Derivatives Containing Thiadiazole, Thiazoline, aNd Thiazolidinone Moieties Vol/Iss: 330 (9-10) Pages: 295-302 Date: 1997		
	118	Author: FAJARDO et al. Publ: <u>Anticancer Research</u>	Title: Effects of Genistein and 2-Methoxyestradiol on Matrix Metalloproteinases and their Inhibitors Secreted by Ehrlich Ascites Tumor Cells Vol/Iss: 20 Pages: 1691-1694 Date: 01/01/2000		
	119	Author: FARMER et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Retinal Vasculitis Associated with Autoantibodies to Sjogren's Syndrome A Antigen (Abstract only-Applicants do not have complete copy) Vol/Iss: 100 (6) Pages: 814-821 Date: 12/01/1985		
	120	Author: FEHER et al. Publ: <u>Journal of Chemical Information and Computer Sciences</u>	Title: Multiple Flexible Alignment with SEAL: A Study of Molecules Acting on the Colchicine Binding Site Vol/Iss: 40 Pages: 495-502 Date: 01/01/2000		
	121	Author: FIGG et al. Publ: <u>Investigational New Drugs</u>	Title: Inhibition of angiogenesis: treatment options for patients with metastatic prostate cancer Vol/Iss: 20 Pages: 183-194 Date: 01/2002		
/K.B.	122	Author: FOTSISS et al. Publ: <u>Nature</u>	Title: The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth Vol/Iss: 368 Pages: 237-239 Date: 03/17/94		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				Filing Date	02/27/2004			
				First Named Inventor	D'Amato et al.			
				Group Art Unit	1609			
				Examiner Name	Brooks, Kristie L.			
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/K.B./	123	Author: FRASER et al. Publ: <u>British Medical Bulletin</u>	Title: Angiogenesis and Its Control in the Female Reproductive System (Abstract only-Applicants do not have complete copy)					
			Vol/Iss: 56 (3)	Pages: 787-797	Date: 2000			
	124	Author: FRIEDLANDER et al. Publ: <u>Proceedings of the National Academy of Science (USA)</u>	Title: Involvement of Integrins $\alpha v \beta 3$ and $\alpha v \beta 5$ in Ocular Neovascular Diseases					
			Vol/Iss: 93	Pages: 9764-9769	Date: 09/01/1996			
	125	Author: GADOSY et al. Publ: <u>Journal of Physical Chemistry</u>	Title: Generation, Characterization, and Deprotonation of Phenol Radical Cations					
			Vol/Iss: 103	Pages: 8834-8839	Date: 1999			
	126	Author: GENENTECH USA Publ: <u>Biotechnology Newswatch</u>	Title: VEGF may be main cause of diabetic retinopathy (Abstract only-Applicants do not have complete copy)					
			Vol/Iss:	Pages: 13-14	Date: 10/17/1994			
	127	Author: GLEICHMANN et al. Publ: <u>American Journal of Pathology</u>	Title: Immunoblastic Lymphadenopathy, Systemic Lupus Erythematosus, and Related Disorders. Possible Pathogenetic Pathways. (Abstract only-Applicants do not have complete copy)					
			Vol/Iss: 72 (4)	Pages: 708-723	Date: 10/01/1979			
	128	Author: GUJAR et al. Publ: <u>Annals of Clinical and Laboratory Science</u>	Title: The Effect of Estradiol on Candida albicans Growth					
			Vol/Iss: 27 (2)	Pages: 151-156	Date: 1997			
/K.B./	129	Author: HAGEN et al. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: Inhibition of mitochondrial respiration by the anticancer agent 2-methoxyestradiol					
			Vol/Iss: 322	Pages: 923 - 929	Date: 01/2004			

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/K.B./	130	Author: HAJJAR et al. Publ: <u>Current Atherosclerosis Reports</u>	Title: New Concepts in Fibrinolysis and Angiogenesis (Abstract only-Applicants do not have complete copy)					
			Vol/Iss: 2 (5)	Pages: 417-421	Date: 09/01/2000			
	131	Author: HALDAR et al. Publ: <u>Cancer Research</u>	Title: Bc12 is the Guardian of Microtubule Integrity					
			Vol/Iss: 57	Pages: 229-233	Date: 01/15/97			
	132	Author: HAMANAKA et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Retinal Ischemia and Angle Neovascularization in Proliferative Diabetic Retinopathy (Abstract only-Applicants do not have complete copy)					
			Vol/Iss: 132 (5)	Pages: 648-658	Date: 11/01/2001			
	133	Author: HAMEL et al. Publ: <u>Biochemistry</u>	Title: Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers					
			Vol/Iss: 35 (4)	Pages: 1304-1310	Date: 1996			
	134	Author: HAMMERS et al. Publ: <u>Journal of Immunological Methods</u>	Title: Introduction of a novel proliferation assay for pharmacological studies allowing the combination of BrdU detection and phenotyping					
			Vol/Iss: 264	Pages: 89-93	Date: 01/2002			
	135	Author: HAMMOND et al. Publ: <u>Steroid Biochemistry & Molecular Biology</u>	Title: Structure/function analyses of human sex hormone-binding globulin: effects of zinc on steroid-binding specificity					
			Vol/Iss: 85	Pages: 195-200	Date: 01/2003			
/K.B./	136	Author: HAN et al. Publ: <u>Journal of Biological Chemistry</u>	Title: Dehydroepiandrosterone and Dihydrotestosterone Recognition by Human Estrogenic 17 β -Hydroxysteroid Dehydrogenase					
			Vol/Iss: 275 Iss 2	Pages: 1105-1111	Date: 1/14/2000			

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				Filing Date	02/27/2004
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/K.B./	137	Author: HE et al. Publ: <u>Bioorganic & Medicinal Chemistry Letters</u>	Title: A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Biding Site Vol/Iss: 4 (14) Pages: 1724-1728 Date: 1994		
	138	Author: HE et al. Publ: <u>Bioorganic & Medicinal Chemistry Letters</u>	Title: Novel Cytokine Release Inhibitors. Part II: Steroids Vol/Iss: 8 Pages: 2825-2828 Date: 1998		
	139	Author: HEJAZ et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis and Biological Activity of the Superestrogen (<i>E</i>)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (<i>E</i>)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999		
	140	Author: HILL et al. Publ: <u>Eye</u>	Title: Pathogenesis of Pterygium (Abstract only-Applicants do not have complete copy) Vol/Iss: 3 (Pt 2) Pages: 218-226 Date: 01/01/1990		
	141	Author: HO, Shuk-Mei Publ: <u>Journal of Cellular Biochemistry</u>	Title: Estrogens and Anti-Estrogens: Key Mediators of Prostate Carcinogenesis and New Therapeutic Candidates Vol/Iss: 91 Pages: 491-503 Date: 1/1/2004		
↓	142	Author: HU et al. Publ: <u>Inflammation</u>	Title: Interleukin-8 Stimulates Angiogenesis in Rats Vol/Iss: 17 (2) Pages: 135-143 Date: 04/01/1993		
/K.B.	143	Author: HU, G. Publ: <u>Proceedings of the National Academy of Sciences, USA</u>	Title: Neomycin Inhibits Angiogenin-induced Angiogenesis (Abstract only-Applicants do not have complete copy) Vol/Iss: 95 (17) Pages: 9791-9795 Date: 1998		

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/K.B./	144	Author: HUANG et al. Publ: <u>Nature</u>	Title: Superoxide Dismutase as a Target for the Selective Killing of Cancer Cells (Abstract only-Applicants do not have complete copy)			
			Vol/Iss: 407 (6802)	Pages: 390-395	Date: 9/21/2000	
	145	Author: HUGHES et al. Publ: <u>Molecular Pharmacology</u>	Title: 2-Methoxyestradiol and Analogs as Novel Antiproliferative Agents: Analysis of Three Dimensional Quantitative Structure-Activity Relationships for DNA Synthesis Inhibition and Estrogen Receptor Binding			
			Vol/Iss: 61 (5)	Pages: 1053-1069	Date: 01/01/2002	
	146	Author: HUOBER et al. Publ: <u>International Journal of Radiation Oncology, Biology, Physics</u>	Title: Oral Administration of an Estrogen Metabolite-Induced Potentiation of Radiation Antitumor Effects in Presence of Wild-Type p53 in Non-Small-Cell Lung Cancer			
			Vol/Iss: 48 (4)	Pages: 1127-1137	Date: 01/01/2000	
	147	Author: IKEGAWA et al. Publ: <u>Biomed. Chromatogr.</u>	Title: Immunoaffinity Extraction for Liquid Chromatographic Determination of Equilin and Its Metabolites in Plasma (Abstract only-Applicants do not have complete copy)			
			Vol/Iss: 10 (2)	Pages: 73-77	Date: 1996	
	148	Author: INOUE et al. Publ: <u>Free Radical Biology & Medicine</u>	Title: Molecular Mechanism of Diclofenac-Induced Apoptosis of Promyelocytic Leukemia: Dependency on Reactive Oxygen Species, AKT, BID, Cytochrome c, and Caspase Pathway			
			Vol/Iss: 37 (8)	Pages: 1290-1299	Date: 1/1/2004	
	149	Author: IRESON et al. Publ: <u>British Journal of Cancer</u>	Title: Pharmacokinetics and efficacy of 2-methoxyestradiol and 2-methoxyestradiol- bis-sulphamate in vivo in rodents			
			Vol/Iss: 90	Pages: 932-937	Date: 1/1/2004	
/K.B./	150	Author: JACKSON et al. Publ: <u>The FASEB Journal</u>	Title: The Codependence of Angiogenesis and Chronic Inflammation			
			Vol/Iss: 11	Pages: 457-465	Date: 01/01/1997	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known				
Sheet 19 of 42				Application No.	10/789,471			
				Filing Date	02/27/2004			
				First Named Inventor	D'Amato et al.			
				Group Art Unit	1609			
				Examiner Name	Brooks, Kristie L.			
				Attorney Docket Number	05213-3001(13663-105082)			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ⁶	
/K.B./	151	Author: JAGGERS et al. Publ: <u>Journal of Endocrinology</u>	Title: Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only-Applicants do not have complete copy)					
	152	Author: JAMPOL et al. Publ: <u>Survey of Ophthalmology</u>	Title: Peripheral Proliferation Retinopathies: An Update on Angiogenesis, Etiologies and Management (Abstract only-Applicants do not have complete copy)					
	153	Author: JOSEFSSON et al. Publ: <u>Arthritis & Rheumatism</u>	Title: Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol					
	154	Author: JOZSEF, Timar Publ: <u>Magyar Onkologusok Tarsasaga</u>	Title: Beszamolo a Nemzeti Onkologiai Kutatas-fejlesztesi Konzorcium 2003. evi tevékenységeről (Abstract in English)(Abstract only-Applicants do not have complete copy in English)					
	155	Author: KACHADOURIAN et al. Publ: <u>Archives of Biochemistry and Biophysics</u>	Title: 2-Methoxyestradiol Does Not Inhibit Superoxide Dismutase					
	156	Author: KAHLON et al. Publ: <u>Canadian Journal of Cardiology</u>	Title: Angiogenesis in Atherosclerosis (Abstract only-Applicants do not have complete copy)					
/K.B./	157	Author: KALINA et al. Publ: <u>Retina</u>	Title: Neovascularization of the Disc in Pars Planitis (Abstract only-Applicants do not have complete copy)					

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application No.	10/789,471
Sheet 20 of 42				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-3001 (13663-105082)
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/K.B./	158	Author: KARBOWSKI et al. Publ: <u>Journal of Cell Science</u>	Title: Opposite Effects of Microtubule-Stabilizing and Microtubule-Destabilizing Drugs on Biogenesis of Mitochondria in Mammalian Cells Vol/Iss: 114 (2) Pages: 281-291 Date: 10/27/2000		
	159	Author: KATAOKA et al. Publ: <u>Cancer Research</u>	Title: An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only-Applicants do not have complete copy) Vol/Iss: 58 (21) Pages: 4761-4765 Date: 11/1998		
	160	Author: KIM et al. Publ: <u>Analytical Biochemistry</u>	Title: Mass spectrometric measurement of differential reactivity of cysteine to localize protein-ligand binding sites. Application to tubulin-binding drugs Vol/Iss: 332 Pages: 376-383 Date: 1/1/2004		
	161	Author: KINUYA et al. Publ: <u>European Journal of Nuclear Medicine and Molecular Imaging</u>	Title: Improved survival of mice bearing liver metastases of colon cancer cells treated with a combination of radioimmunotherapy and antiangiogenic therapy Vol/Iss: Pages: 1-11 Date: 1/1/2004		
	162	Author: KIURU et al. Publ: <u>Steroids</u>	Title: Short synthesis of 2-methoxyestradiol and 2-hydroxyestradiol Vol/Iss: 68 Pages: 373-375 Date: 01/2003		
	163	Author: KLAUBER et al. Publ: <u>Cancer Research</u>	Title: Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol Vol/Iss: 57 Pages: 81-86 Date: 01/01/97		
/K.B./	164	Author: KORNMEHL et al. Publ: <u>Ophthalmology</u>	Title: Bilateral Keratitis in Lyme Diseases (Abstract only-Applicants do not have complete copy) Vol/Iss: 96 (8) Pages: 1194-1197 Date: 08/01/1989		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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Complete if Known

Application No.	10/789,471
Filing Date	02/27/2004
First Named Inventor	D'Amato et al.
Group Art Unit	1609
Examiner Name	Brooks, Kristie L.

Attorney Docket Number 05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
/K.B./	165	<p>Author: KOUSTENI et al.</p> <p>Publ: <u>Science</u></p> <p>Title: Reversal of Bone Loss in Mice by Nongenotypic Signaling of Sex Steroids</p> <p>Vol/Iss: 298</p> <p>Pages: 843-846</p> <p>Date: 10/25/2002</p>	
	166	<p>Author: KUMAR et al.</p> <p>Publ: <u>Molecular Carcinogenesis</u></p> <p>Title: 2-Methoxyestradiol Blocks Cell-Cycle Progression at G₁/M Phase and Inhibits Growth of Human Prostate Cancer Cells</p> <p>Vol/Iss: 31</p> <p>Pages: 111-124</p> <p>Date: 01/01/2001</p>	
	167	<p>Author: KUREBAYASHI et al.</p> <p>Publ: <u>Oncology</u></p> <p>Title: Paradoxical Hormone Responses KPL-1 Breast Cancer Cells in vivo: a Significant Role of Angiogenesis in Tumor Growth (Abstract only-Applicants do not have complete copy)</p> <p>Vol/Iss: 59 (2)</p> <p>Pages: 158-165</p> <p>Date: 2000</p>	
	168	<p>Author: LAKHANI et al.</p> <p>Publ: <u>Journal of Chromatography B</u></p> <p>Title: Determination of the antiangiogenesis agent 2-methoxyestradiol in human plasma by liquid chromatography with ultraviolet radiation</p> <p>Vol/Iss: 806</p> <p>Pages: 289-293</p> <p>Date: 1/1/2004</p>	
	169	<p>Author: LAMBERT et al.</p> <p>Publ: <u>International Journal of Cancer</u></p> <p>Title: 2-Methoxyestradiol Induces Caspase-Independent Mitochondria-Centered Apoptosis in DS-Sarcoma Cells</p> <p>Vol/Iss: 108</p> <p>Pages: 493 - 501</p> <p>Date: 01/2004</p>	
	170	<p>Author: LAVALLEE et al.</p> <p>Publ: <u>Cancer Research</u></p> <p>Title: 2-Methoxyestradiol Up-Regulates Death Receptor 5 and Induces Apoptosis through Activation of the Extrinsic Pathway</p> <p>Vol/Iss: 63</p> <p>Pages: 468-475</p> <p>Date: 01/15/2003</p>	
/K.B./	171	<p>Author: LAVALLEE et al.</p> <p>Publ: <u>Cancer Research</u></p> <p>Title: 2-Methoxyestradiol Inhibits Proliferation and Induces Apoptosis Independently of Estrogen Receptors α and β</p> <p>Vol/Iss: 62</p> <p>Pages: 3691-3697</p> <p>Date: 07/1/2002</p>	

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known				
Sheet	22	of	42	Application No.	10/789,471			
				Filing Date	02/27/2004			
				First Named Inventor	D'Amato et al.			
				Group Art Unit	1609			
				Examiner Name	Brooks, Kristie L.			
				Attorney Docket Number	05213-3001 (13663-105082)			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ⁶	
/K.B./	172	Author: LAVIGNE et al. Publ: <u>Cancer Research</u>	Title: The Effects of Catechol-O-Methyltransferase Inhibition on Estrogen Metabolite and Oxidative DNA Damage Levels in Estradiol-Treated MCF-7 Cells					
			Vol/Iss:	61	Pages:	7488-7494	Date: 10/15/2001	
	173	Author: LE BRAS, J. et al. Publ: <u>Organometallics</u>	Title: Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol					
			Vol/Iss:	16	Pages:	1765-1771	Date: 1997	
	174	Author: LEE et al. Publ: <u>Journal of Neurosurgery</u>	Title: Inhibition of Growth and Angiogenesis of Human Neurofibrosarcoma by Heparin and Hydrocortisone (Abstract only-Applicants do not have complete copy)					
			Vol/Iss:	73 (3)	Pages:	429-435	Date: 09/01/1990	
	175	Author: LEE et al. Publ: <u>Survey of Ophthalmology</u>	Title: Ocular Neovascularization: An Epidemiologic Review					
			Vol/Iss:	43 (3)	Pages:	245-269	Date: 11/01/1998	
	176	Author: LEVEILLE et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Platelet-Induced Retinal Neovascularization in Leukemia (Abstract only-Applicants do not have complete copy)					
			Vol/Iss:	91 (5)	Pages:	640-644	Date: 05/01/1981	
	177	Author: LI et al. Publ: <u>Dissertations from the Faculty of Medicine - Uppsala</u>	Title: Antitumor Activities of 2-Methoxyestradiol on Cervical and Endometrial Cancers in Vitro and In Vivo					
			Vol/Iss:	1374	Pages:	11 - 62	Date: 01/2004	
/K.B./	178	Author: LIN et al. Publ: <u>Toxicology and Applied Pharmacology</u>	Title: A Comparative Study on the Effects of 2,3,7,8,-Tetrochlorodibenzo-p-Dioxin Polychlorinated Biphenyl 126 and Estrogen in Human Bronchial Epithelial Cells					
			Vol/Iss:	195	Pages:	83 - 91	Date: 01/01/2004	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	23	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	179	Author: LIN et al. Publ: <u>Cancer</u>	Title: 2-Methoxyestradiol-Induced Caspase-3 Activation and Apoptosis Occurs Through G ₁ /M Arrest Dependent and Independent Pathways in Gastric Carcinoma Cells Vol/Iss: 92 Pages: 500-509 Date: 08/01/2001		
	180	Author: LIN et al. Publ: <u>Cancer</u>	Title: Comparison of 2-Methoxyestradiol-Induced, Docetaxel-Induced, and Paclitaxel-Induced Apoptosis in Hepatoma Cells and Its Correlation with Reactive Oxygen Species Vol/Iss: 89 (5) Pages: 983-994 Date: 09/01/2000		
	181	Author: LIPPERT et al. Publ: <u>Life Sciences</u>	Title: The effects of A-ring and D-ring metabolites of estradiol on the proliferation of vascular endothelial cells Vol/Iss: 67 Pages: 1653-1658 Date: 2000		
	182	Author: LIPPERT et al. Publ: <u>Steroids</u>	Title: The Impact of Endogenous Estradiol Metabolites on Carcinogenesis Vol/Iss: 65 Pages: 357-369 Date: 01/01/2000		
	183	Author: LIS et al. Publ: <u>Cancer Letters</u>	Title: 2-Methoxyestradiol inhibitsd proliferation of normal and neoplastic glial cells, and induces cell death, in vitro Vol/Iss: 213 Pages: 57-65 Date: 01/2004		
	184	Author: LIU et al. Publ: <u>Steroid Biochemistry & Molecular Biology</u>	Title: Concentration-dependent mitogenic and antiproliferative actions of 2-methoxyestradiol in estrogen receptor-positive human breast cancer cells Vol/Iss: 88 Pages: 265-275 Date: 1/1/2004		
/K.B./	185	Author: LIU et al. Publ: <u>Biochemical Pharmacology</u>	Title: Inhibitory action of ICI-182,780, an esrrogen receptor antagonist, on BK _{Ca} channel activity in cultured endothelial cells of human coronary artery Vol/Iss: 66 Pages: 2053-2063 Date: 01/2003		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Complete if Known	
Sheet	24	of	42	Application No.	10/789,471
				Filing Date	05/19/2005
				First Named Inventor	D'Amato et al.
				Group Art Unit	1621
				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-0926 (13663-105080)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
/K.B./	186	Author: LOCCI et al. Publ: <u>Journal of Perinatal Medicine</u>	Title: Angiogenesis: A New Diagnostic Aspect of Obstetric and Gynecologic Echography Vol/Iss: 21 (6) Pages: 453-473 Date: 01/01/1993		
	187	Author: LOTTERING et al. Publ: <u>Cancer Letters</u>	Title: 17 β -Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle Vol/Iss: 110 Pages: 181-186 Date: 1996		
	188	Author: LOVELY et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation Vol/Iss: 39 Pages: 1917-1923 Date: 1996		
	189	Author: LUI et al. Publ: <u>Medical Hypothesis</u>	Title: Male Predominance in Hepatocellular Carcinoma: New Insight and a Possible Therapeutic Alternative Vol/Iss: 55 (4) Pages: 348-350 Date: 01/01/2000		
	190	Author: MACCARTHY-MORROGH et al. Publ: <u>Cancer Research</u>	Title: Differential Effects of Estrone and Estrone-3-O-Sulfamate Derivatives on Mitotic Arrest, Apoptosis, and Microtubule Assembly in Human Breast Cancer Cells Vol/Iss: 60 Pages: 5441-5450 Date: 10/01/2000		
↓	191	Author: MACEWEN et al. Publ: <u>American Association for Cancer Research -92nd Annual Meeting</u>	Title: 2-Methoxyestradiol (2ME2): <i>In Vitro</i> Apoptosis and Cell Cycle Inhibition and <i>In Vivo</i> Antitumor Activity in Canine Spontaneous Tumors Vol/Iss: Pages: Abstract #20 Date: 03/24/2001		
/K.B./	192	Author: MAHADEVAN et al. Publ: <u>Acta Oncologica</u>	Title: Metastasis and Angiogenesis Vol/Iss: 29 (1) Pages: 97-103 Date: 01/01/1990		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

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Sheet	25	of	42	Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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/K.B./	193	Author: MANN et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Choroidal Neovascularization with Granulomatous Inflammation in Ocular Histoplasmosis Syndrome (Abstract only-Applicants do not have complete copy) Vol/Iss: 130 (2) Pages: 247-250 Date: 08/01/2000		
	194	Author: MARAN et al. Publ: <u>Bone</u>	Title: 2-Methoxyestradiol Induces Interferon Gene Expression and Apoptosis in Osteosarcoma Cells Vol/Iss: 30 (2) Pages: 393-398 Date: 02/2002		
	195	Author: MARTI et al. Publ: <u>American Journal of Pathology</u>	Title: Hypoxia-Induced Vascular Endothelial Growth Factor Expression Precedes Neovascularization after Cerebral Ischemia (Abstract only-Applicants do not have complete copy) Vol/Iss: 156 (3) Pages: 965-976 Date: 03/01/2000		
	196	Author: MATSUNAGA et al. Publ: <u>Acta Otolaryngology</u>	Title: Angiogenesis from the Eighth Cranial Nerve to Vestibular Schwannomas (Abstract only-Applicants do not have complete copy) Vol/Iss: 116 (1) Pages: 52-58 Date: 01/01/1996		
	197	Author: MEIKRANTZ et al. Publ: <u>Journal of Cellular Biochemistry</u>	Title: Apoptosis and the Cell Cycle Vol/Iss: 58 (2) Pages: 160-174 Date: 06/1995		
	198	Author: MEZA et al. Publ: <u>Drug Therapy</u>	Title: Managing the Gastrointestinal Complications of AIDS Vol/Iss: 23 (11) Pages: 74-83 Date: 11/1993		
/K.B./	199	Author: MILLER et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Synthesis and Structure-Activity Profiles of A-Homoestrones, the Estratropones Vol/Iss: 40 Pages: 3836-3841 Date: 1997		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	26	of	42	Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶
/K.B.	200	Author: MILLER, Thomas Publ: <u>Dissertations Abstracts International</u>	Title: Tubulin as a Therapeutic Target (Abstract only-Applicants do not have complete copy)			
	201	Author: MOOBERRY, Susan Publ: <u>Current Opinions in Oncology</u>	Title: New insights into 2-methoxyestradiol, a promising antiangiogenic and antitumor agent	Vol/Iss: 5907B	Pages: 3454	Date: 1998
	202	Author: MUECK et al. Publ: <u>Journal of Clinical and Basic Cardiology</u>	Title: Angiogenetic and Anti-Angiogenetic Effects of Estradiol and Its Metabolites (Abstract only-Applicants do not have complete copy)	Vol/Iss: 15	Pages: 425-430	Date: 11/2003
	203	Author: MUECK et al. Publ: <u>Zentralbl Gynakol</u>	Title: Estrogen-dependent Neoplasia - What is the Significance of Estradiol Metabolites (English Abstract only)(Abstract only-Applicants do not have complete English copy)	Vol/Iss: 4 (2)	Pages: 153-155	Date: 2001
	204	Author: MUECK et al. Publ: <u>Maturitas</u>	Title: Estradiol metabolism and malignant disease	Vol/Iss: 125	Pages: 458-466	Date: 01/2003
	205	Author: MUECK et al. Publ: <u>Life Sciences</u>	Title: Chemotherapy of breast cancer-additive anticancerogenic effects by 2-methoxyestradiol	Vol/Iss: 43	Pages: 1-10	Date: 01/2002
	206	Author: MUKHOPADHYAY et al. Publ: <u>Oncogene</u>	Title: Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol	Vol/Iss: 75	Pages: 1205-1210	Date: 01/2004
/K.B.				Vol/Iss: 14	Pages: 379-384	Date: 1997

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO				Complete if Known	
				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	27	of	42	Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	207	Author: MUKHOPADHYAY et al. Title: Two-dimensional gel analysis of apoptosis-specific p53 isoforms induced by 2-methoxyestradiol in human lung cancer cells Publ: <u>Apoptosis</u>	Vol/Iss: 3	Pages: 421-430	Date: 01/1998
	208	Author: NAKAGAWA-YAGI et al. Title: The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i> Publ: <u>Life Sciences</u>	Vol/Iss: 58 (17)	Pages: 1461-1467	Date: 1996
	209	Author: NAPOLITANO et al. Title: 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only-Applicants do not have complete copy) Publ: <u>Journal of Medicinal Chemistry</u>	Vol/Iss: 38 (14)	Pages: 2774-2779	Date: 07/07/95
	210	Author: NELIMARKKA et al. Title: Decorin is Produced by Capillary Endothelial Cells in Inflammation-Associated Angiogenesis (Abstract only-Applicants do not have complete copy) Publ: <u>American Journal of Pathology</u>	Vol/Iss: 158 (2)	Pages: 345-353	Date: 02/01/2001
	211	Author: NELSON, J.D. Title: Superior Limbic Keratoconjunctivitis (SLK) (Abstract only-Applicants do not have complete copy) Publ: <u>Eye</u>	Vol/Iss: 3 (Pt 2)	Pages: 180-189	Date: 01/01/1989
	212	Author: NEWMAN et al. Title: Inhibition of <i>In Vitro</i> Angiogenesis by 2-Methoxy- and 2-Ethyl-Estrogen Sulfamates Publ: <u>International Journal of Cancer</u>	Vol/Iss: 109	Pages: 533-540	Date: 01/2004
/K.B./	213	Author: NISHIGAKI et al. Title: Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta Publ: <u>Atherosclerosis</u>	Vol/Iss: 113	Pages: 167-170	Date: 1995

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
Sheet 28 of 42				Application No.	10/789,471	
				Filing Date	05/19/2005	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1621	
				Examiner Name	Brooks, Kristie L.	
				Attorney Docket Number	05213-0926 (13663-105080)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶
/K.B./	214	Author: NUMAZAWA et al. Publ: <u>Journal of Chemical Research</u>	Title: Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens with Halogen-Methoxy Exchange Reactions Vol/Iss: Pages: 348-349 Date: 01/01/1985			
	215	Author: OMAR et al. Publ: <u>European Journal of Medicinal Chemistry</u>	Title: Synthesis, Binding Affinities and Uterotrophic Activity of Some 2-Substituted Estradiol and Ring-A-Fused Pyrone Derivatives Vol/Iss: 29 Pages: 25-32 Date: 1994			
	216	Author: PAKALA et al. Publ: <u>European Journal of Pharmacology</u>	Title: Modulation of Endothelial Cell Proliferation by Retinoid x Receptor Agonists Vol/Iss: 385 (2/3) Pages: 255-261 Date: 09/1999			
	217	Author: PALLER et al. Publ: <u>Journal of Investigative Dermatology</u>	Title: Responses to Anti-Angiogenic Therapies (Abstract only-Applicants do not have complete copy) Vol/Iss: 5 (1) Pages: 83-86 Date: 12/01/2000			
	218	Author: PAQUETTE et al. Publ: <u>The Journal of Steroid Biochemistry & Molecular Biology</u>	Title: Activation of matrix metalloproteinase-2 and -9 by 2- and 4-hydroxyestradiol Vol/Iss: 87 Pages: 65-73 Date: 01/2003			
▼	219	Author: PARTHASARATHY et al. Publ: <u>Journal of Clinical Investigation</u>	Title: Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only-Applicants do not have complete copy) Vol/Iss: 94 (5) Pages: 1990-1995 Date: 11/1994			
/K.B./	220	Author: PATZ, A. Publ: <u>American Journal of Ophthalmology</u>	Title: Clinical and Experimental Studies on Retinal Neovascularization. XXXIX Edward Jackson Memorial Lecture. (Abstract only-Applicants do not have complete copy) Vol/Iss: 94 (6) Pages: 715-743 Date: 12/01/1982			

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	29	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
/K.B./	221	Author: PELICANO et al. Publ: <u>The Journal of Biological Chemistry</u>	Title: Inhibition of Mitochondrial Respiration		
			Vol/Iss: 278 (39)	Pages: 37832-37839	Date: 09/26/2003
	222	Author: PENFOLD et al. Publ: <u>Graefes Archive for Clinical and Experimental Ophthalmology</u>	Title: Age-Related Macular Degeneration: Ultrastructural Studies of the Relationship of Leucocytes to Angiogenesis (Abstract only-Applicants do not have complete copy)		
			Vol/Iss: 225 (1)	Pages: 70-76	Date: 01/01/1987
	223	Author: PENG et al. Publ: <u>Journal of the American Chemical Society</u>	Title: Synthesis and Optical Properties of Novel Unsymmetrical Conjugated Dendrimers		
			Vol/Iss: 122	Pages: 6619-6623	Date: 2000
	224	Author: PENN et al. Publ: <u>Investigative Ophthalmology & Visual Science</u>	Title: The Effect of Angiostatic Steroid on Neovascularization in a Rat Model of Retinopathy of Prematurity (Abstract only-Applicants do not have complete copy)		
			Vol/Iss: 42 (1)	Pages: 283-290	Date: 01/01/2001
	225	Author: PENN et al. Publ: <u>Investigative Ophthalmology & Visual Science</u>	Title: Variable Oxygen Exposure Causes Preretinal Neovascularization in the Newborn Rat		
			Vol/Iss: 34 (3)	Pages: 576-585	Date: 03/01/1993
	226	Author: PLUM et al. Publ: <u>Vaccine</u>	Title: Administration of a Liposomal FGF-2 Peptide Vaccine Leads to Abrogation of FGF-2-Mediated Angiogenesis and Tumor Development		
			Vol/Iss: 19 (9-10)	Pages: 1294-1303	Date: 2000
/K.B./	227	Author: POTVIN et al. Publ: <u>Journal of Immunobiology</u>	Title: Mechanisms of Action of Antimalarials in Inflammation: Induction of Apoptosis in Human Endothelial Cells (Abstract only-Applicants do not have complete copy)		
			Vol/Iss: 158 (4)	Pages: 1872-1879	Date: 02/15/1997

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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<p style="text-align: center;">Substitute for Form 1449/A/PTO</p> <h1 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h1> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	30	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	228	Author: PRJBLUDA et al. Publ: <u>The New Angiotherapy</u>	Title: 2-Methoxyestradiol - A Novel Endogenous Chemotherapeutic and Antiangiogenic Agent-Chapter 21	Vol/Iss:	Pages: 1-21 Date: 11/2000
	229	Author: PRJBLUDA et al. Publ: <u>Cancer and Metastasis Reviews</u>	Title: 2-Methoxyestradiol: An endogenous antiangiogenic and antiproliferative drug candidate	Vol/Iss: 19	Pages: 173-179 Date: 01/01/2000
	230	Author: PUROHIT et al. Publ: <u>International Journal of Cancer</u>	Title: The Effect of 2-Methoxyestrone-3-O-Sulphamate on the Growth of Breast Cancer Cells and Induced Mammary Tumours	Vol/Iss: 85	Pages: 584-589 Date: 01/01/2000
	231	Author: QADAN et al. Publ: <u>Biochemical and Biophysical Research Communications</u>	Title: 2-Methoxyestradiol Induces G2/M Arrest and Apoptosis in Prostate Cancer	Vol/Iss: 285 (5)	Pages: 1259-1266 Date: 01/2001
	232	Author: QANUNGO et al. Publ: <u>Oncogene</u>	Title: 2-Methoxyestradiol induces mitochondria dependent apoptotic signaling in pancreatic cancer cells	Vol/Iss: 21	Pages: 4149-4157 Date: 01/2002
	233	Author: RAJKUMAR et al. Publ: <u>Breast Cancer Research</u>	Title: Prevention of mammary carcinogenesis by short-term estrogen and progestin treatments	Vol/Iss: 6 (1)	Pages: R31-R37 Date: 11/11/2003
/K.B./	234	Author: RAMIREZ et al. Publ: <u>Brain Research Reviews</u>	Title: Estradiol, in the CNS, Targets Several Physiologically Relevant Membrane-Associated Proteins	Vol/Iss: 37	Pages: 141-152 Date: 01/01/2001

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Substitute for Form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application No.	10/789,471
Sheet	31	of	42	Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
				Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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/K.B./	235	Author: RAO et al. Publ: <u>Steroids</u>	Title: Synthesis and antimitotic activity of novel 2-methoxyestradiol analogs Vol/Iss: 67	Pages: 1079-1089	Date: 01/2002
	236	Author: RAO et al. Publ: <u>Steroids</u>	Title: A new, practical synthesis of 2-methoxyestradiols Vol/Iss: 67	Pages: 1065-1070	Date: 01/2002
	237	Author: RAOBAIKADY et al. Publ: <u>The Journal of Steroid Biochemistry & Molecular Biology</u>	Title: Inhibition of MCF-7 breast cancer cell proliferation and in vivo steroid sulphatase activity by 2-methoxyestradiol-bis-sulphamate Vol/Iss: 84	Pages: 351-358	Date: 01/2003
	238	Author: REDDY et al. Publ: <u>Rheumatology International</u>	Title: Ocular Complications of Adult Rheumatoid Arthritis (Abstract only-Applicants do not have complete copy) Vol/Iss: 16 (2)	Pages: 49-52	Date: 01/01/1996
	239	Author: REED et al. Publ: <u>Clinical Endocrinology</u>	Title: Aromatase Regulation and Breast Cancer Vol/Iss: 54	Pages: 563-571	Date: 01/01/2001
	240	Author: RIBATTI et al. Publ: <u>International Journal of Clinical & Laboratory Research</u>	Title: Anti-Angiogenesis: A Multipurpose Therapeutic Tool? Vol/Iss: 23 (3)	Pages: 117-120	Date: 01/01/1993
/K.B./	241	Author: RIONO et al. Publ: <u>Ophthalmology</u>	Title: Scleritis: A Clinicopathologic Study of 55 Cases (Abstract only-Applicants do not have complete copy) Vol/Iss: 106 (7)	Pages: 1328-1333	Date: 07/01/1999

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
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/K.B./	242	Author: ROBINSON et al. Publ: <u>Experimental Eye Research</u>	Title: Safety and Pharmacokinetics of Intravitreal 2-Methoxyestradiol Implants in Normal Rabbit and Pharmacodynamics in a Rat Model of Choroidal Neovascularization Vol/Iss: 74 Pages: 309-317 Date: 01/2002		
	243	Author: ROBINSON et al. Publ: <u>American Family Physician</u>	Title: Retinal Vein Occlusion (Abstract only-Applicants do not have complete copy) Vol/Iss: 45 (6) Pages: 2661-2666 Date: 06/01/1992		
	244	Author: RODI et al. Publ: <u>Combinatorial Chemistry & High Throughput Screening</u>	Title: Identification of Small Molecular Binding Sites within Proteins Using Phage Display Technology Vol/Iss: 4 Pages: 553-572 Date: 01/01/2001		
	245	Author: ROTH et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Macular Translocation for Subfoveal Choroidal Neovascularization in Angioid Streaks (Abstract only-Applicants do not have complete copy) Vol/Iss: 131 (3) Pages: 390-392 Date: 03/01/2001		
	246	Author: ROWSEY et al. Publ: <u>Ophthalmic Surgery</u>	Title: Radial Keratotomy: Preliminary Report of Complications (Abstract only-Applicants do not have complete copy) Vol/Iss: 13 (1) Pages: 27-35 Date: 01/01/1982		
▼	247	Author: ROY-CHAUDHURY et al. Publ: <u>Kidney International</u>	Title: Venous Neointimal Hyperplasia in Polytetrafluoroethylene Dialysis Grafts (Abstract only-Applicants do not have complete copy) Vol/Iss: 59 (6) Pages: 2325-2334 Date: 01/11/2001		
/K.B./	248	Author: SAKAGUCHI et al. Publ: <u>Infection and Immunity</u>	Title: Trehalose 6,6'-Dimycolate (Cord Factor) Enhances Neovascularization through Vascular Endothelial Growth Factor Production by Neutrophils and Macrophages Vol/Iss: 68 (4) Pages: 2043-2052 Date: 04/01/2000		

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.
⁶Applicant is to place a check mark here if English language translation is attached.

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Sheet 33 of 42				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
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/K.B./	249	Author: SANISLO et al. Publ: <u>American Journal of Ophthalmology</u>	Title: Optic Nerve Head Neovascularization in a Patient with Inactive Cytomegalovirus Retinitis and Immune Recovery (Abstract only-Applicants do not have complete copy)	Vol/Iss: 126 (2)	Pages: 318-320	Date: 08/01/1998
	250	Author: SATO et al. Publ: <u>Horm. Carcinog. II. Proceedings Int. Symp.</u> 2nd (1996). Meeting Date 1994	Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture (Abstract only-Applicants do not have complete copy)	Vol/Iss:	Pages: 454-457	Date: 1996
	251	Author: SCHAUB et al. Publ: <u>Current Opinion in Biotechnology</u>	Title: Novel Agents that Promote Bone Regeneration (Abstract only-Applicants do not have complete copy)	Vol/Iss: 2 (6)	Pages: 868-871	Date: 12/01/1991
	252	Author: SCHERR et al. Publ: <u>The Journal of Urology</u>	Title: The Nonsteroidal Effects of Diethylstilbestrol: The Rationale for Androgen Deprivation Therapy without Estrogen Deprivation in the Treatment of Prostate Cancer	Vol/Iss: 170	Pages: 1703-1708	Date: 11/2003
	253	Author: SCHUMACHER et al. Publ: <u>Cancer Research Clinical Oncology</u>	Title: The Physiological Estrogen Metabolite 2-Methoxyestradiol Reduces Tumor Growth and Induces Apoptosis in Human Solid Tumors	Vol/Iss: 127	Pages: 405-410	Date: 2001
	254	Author: SCHUMACHER et al. Publ: <u>Langenbecks Arch Chir</u> 1	Title: 2-Methoxyestradiol induces p53 independent apoptosis and inhibits growth of lung metastases of pancreatic cancer (English summary Page 52)	Vol/Iss: 1	Pages: 49-52	Date: 01/1998
/K.B./	255	Author: SEEGERS et al. Publ: <u>Journal of Steroid Biochemistry and Molecular Biology</u>	Title: The Mammalian Metabolite, 2-methoxyestradiol, Affects P53 Levels and Apoptosis Induction in Transformed Cells but Not in Normal Cells	Vol/Iss: 62 (4)	Pages: 253-267	Date: 07/1997

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Sheet 34 of 42				Application No. 10/789,471	
				Filing Date 02/27/2004	
				First Named Inventor D'Amato et al.	
				Group Art Unit 1609	
				Examiner Name Brooks, Kristie L.	
				Attorney Docket Number 05213-3001 (13663-105082)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
/K.B./	256	Author: SENG et al. Title: Use of a monoclonal antibody specific for activated endothelial cells to quantitate angiogenesis <i>in vivo</i> in zebrafish after drug treatment <u>Publ:</u> <u>Angiogenesis</u>			
		Vol/Iss: 7	Pages: 243 - 253	Date: 01/2004	
	257	Author: SERVOLD, S.A. Title: Growth Factor Impact on Wound Healing <u>Publ:</u> <u>Clinics in Podiatric Medicine and Surgery</u>			
		Vol/Iss: 8 (4)	Pages: 937-953	Date: 10/01/1991	
	258	Author: SHAH et al. Title: (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only-Applicants do not have complete copy) <u>Publ:</u> <u>Journal of Medicinal Chemistry</u>			
		Vol/Iss: 38 (21)	Pages: 4284-4293	Date: 10/13/95	
	259	Author: SHANG et al. Title: 2-Methoxyestradiol, an Endogenous Estradiol Metabolite, Differentially Inhibits Granulosa and Endothelial Cell Mitosis: A Potential Follicular Antiangiogenic Regulator <u>Publ:</u> <u>Biology of Reproduction</u>			
		Vol/Iss: 65	Pages: 622-627	Date: 01/01/2001	
	260	Author: SHEELA et al. Title: Angiogenic and Invasive Properties of Neurofibroma Schwann Cells <u>Publ:</u> <u>Journal of Cell Biology</u>			
		Vol/Iss: 111 (2)	Pages: 645-653	Date: 08/01/1990	
	261	Author: SHIM et al. Title: Hydrazinocurcumin, A Novel Synthetic Curcumin Derivative, Is a Potent Inhibitor of Endothelial Cell Proliferation (Abstract only-Applicants do not have complete copy) <u>Publ:</u> <u>Caplus: Bioorganic & Medicinal Chemistry</u>			
		Vol/Iss: 10 (8)	Pages: 2439-2444	Date: 2002	
/K.B./	262	Author: SHIMADA et al. Title: The Molecular Mechanism of Sensitization to Fas-Mediated Apoptosis by 2-Methoxyestradiol in PC3 Prostate Cancer Cells <u>Publ:</u> <u>Molecular Carcinogenesis</u>			
		Vol/Iss: 39	Pages: 1-9	Date: 1/1/2004	

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known Application No. 10/789,471 Filing Date 02/27/2004 First Named Inventor D'Amato et al. Group Art Unit 1609 Examiner Name Brooks, Kristie L. Sheet 35 of 42 Attorney Docket Number 05213-3001 (13663-105082)				
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					² T ³	
/K.B./	263	Author: SHIMADA et al. Publ: <u>Carcinogenesis</u>	Title: Roles of p38- and c-jun NH2-terminal kinase-mediated pathways in 2-methoxyestradiol-induced p53 induction and apoptosis Vol/Iss: 24 (6) Pages: 1067-1075 Date: 01/2003					
	264	Author: SHWEIKI et al. Publ: <u>Journal of Clinical Investigation</u>	Title: Patterns of Expression of Vascular Endothelial Growth Factor (VEGF) and VEGF Receptors in Mice Suggest a Role in Hormonally Regulated Angiogenesis (Abstract only-Applicants do not have complete copy) Vol/Iss: 91 (5) Pages: 2235-2243 Date: 05/01/1993					
	265	Author: SIBONGA et al. Publ: <u>Journal of Cancer Research and Clinical Oncology</u>	Title: Evidence that 2-methoxyestradiol suppresses proliferation and accelerates apoptosis in normal rat growth plate chondrocytes Vol/Iss: 128 Pages: 477-483 Date: 01/2002					
	266	Author: SIMONS, M. Publ:	Title: General Concepts of Angiogenesis. Vol/Iss: Pages: 1-6 Date: 04/17/2000					
	267	Author: SINGH et al. Publ: <u>Molecular and Cellular Endocrinology</u>	Title: Inhibition of Deoxyglucose Uptake in MCF-7 Breast Cancer Cells by 2-Methoxyestrone and 2-Methoxyestrone-3-O-sulfamate (Abstract only-Applicants do not have complete copy) Vol/Iss: 160 (1-2) Pages: 61-66 Date: 2000					
↓	268	Author: SINGHAL et al. Publ: <u>International Journal of Hematology</u>	Title: Novel Therapies in Multiple Myeloma Vol/Iss: 77 Pages: 226-231 Date: 01/09/2003					
/K.B./	269	Author: SOWKA et al. Publ: <u>Handbook of Ocular Disease Management</u>	Title: Phlyctenulosis Vol/Iss: Pages: Date: 01/01/2000					

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Sheet 36 of 42				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
				Attorney Docket Number	05213-3001 (13663-105082)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
/K.B./	270	Author: SPINK et al. Publ: <u>Carcinogenesis</u>	Title: SULT1A1 Catalyzes 2-Methoxyestradiol Sulfonation in MCF-7 Breast Cancer Cells Vol/Iss: 21 (11) Pages: 1947-1957 Date: 01/01/2000			
	271	Author: STIFFEY-WILUSZ et al. Publ: <u>Angiogenesis</u>	Title: An ex vivo Angiogenesis Assay Utilizing Commercial Porcine Carotid Artery: Modification of the Rat Aortic Ring Assay Vol/Iss: 4 Pages: 3-9 Date: 01/01/2001			
	272	Author: STRIZZI et al. Publ: <u>Journal of Pathology</u>	Title: Vascular Endothelial Growth Factor is an Autocrine Growth Factor in Human Malignant Mesothelioma (Abstract only-Applicants do not have complete copy) Vol/Iss: 193 (4) Pages: 468-475 Date: 04/01/2001			
	273	Author: SUBBARAMAIAH et al. Publ: <u>The Journal of Biological Chemistry</u>	Title: Microtubule-Interfering Agents Stimulate the Transcription of Cyclooxygenase-2 Vol/Iss: 275 (20) Pages: 14838-14845 Date: 05/19/2000			
	274	Author: SUDHOFF et al. Publ: <u>American Journal of Otolaryngology</u>	Title: Angiogenesis and Angiogenic Growth Factors in Middle Ear Cholesteatoma (Abstract only-Applicants do not have complete copy) Vol/Iss: 21 (6) Pages: 793-798 Date: 11/01/2000			
	275	Author: SUN et al. Publ: <u>Cancer Research</u>	Title: In Vivo and in Vitro Characteristics of Interleukin 6-Transfected B16 Melanoma Cells Vol/Iss: 52 Pages: 5412-5415 Date: 10/01/1992			
/K.B./	276	Author: SUZUKI et al. Publ: <u>The Journal of Steroid Biochemistry & Molecular Biology</u>	Title: Growth inhibition of multi-drug-resistant breast cancer cells by 2-methoxyestradiol - bis-sulphamate and 2-ethyoestradiol-bis-sulphamate Vol/Iss: 84 Pages: 269-278 Date: 01/2003			

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Sheet 37 of 42				Application No.	10/789,471	
				Filing Date	02/27/2004	
				First Named Inventor	D'Amato et al.	
				Group Art Unit	1609	
				Examiner Name	Brooks, Kristie L.	
				Attorney Docket Number	05213-3001 (13663-105082)	
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/K.B./	277	Author: SWEENEY et al. Publ: <u>Cancer Research</u>	Title: The Antiangiogenic Property of Docetaxel Is Synergistic with a Recombinant Humanized Monoclonal Antibody Against Vascular Endothelial Growth Factor or 2-Methoxyestradiol but Antagonized by Endothelial Growth Factors	Vol/Iss: 61	Pages: 3369-3372	Date: 04/15/2001
	278	Author: TABBARA, K.F. Publ: <u>Eye</u>	Title: Disruption of the Choroidoretinal Interface by Toxoplasma (Abstract only-Applicants do not have complete copy)	Vol/Iss: 4 (Part 2)	Pages: 366-373	Date: 01/01/1990
	279	Author: TAKAHASHI et al. Publ: <u>Cancer Letters</u>	Title: Effects of estrogens and metabolites on endometrial carcinogenesis in young adult mice initiated with N-ethyl-N'-nitro-N-nitrosoguanidine	Vol/Iss: 211	Pages: 1 - 9	Date: 01/2004
	280	Author: TAKANASHI et al. Publ: <u>Steroids</u>	Title: Metabolism of [6,7- ³ H, ³⁵ S] estradiol 17 sulfate in rats	Vol/Iss: 68	Pages: 383-392	Date: 01/2003
	281	Author: TAKANASHI et al. Publ: <u>Lipids</u>	Title: Comparison of ex vivo Inhibitory Effect Between 2-Hydroxyestradiol and Its 17-Sulfate on Rat Hepatic Microsomal Lipid Peroxidation	Vol/Iss: 38 (8)	Pages: 847-854	Date: 01/2003
	282	Author: TAKATA et al. Publ: <u>Acta Medica Okayama</u>	Title: 2-Methoxyestradiol Enhances p53 Protein Transduction Therapy-Associated Inhibition of the Proliferation of Oral Cancer Cells through the Suppression of NF-B Activity	Vol/Iss: 58 (4)	Pages: 181-187	Date: 01/2004
/K.B./	283	Author: TIMAR et al. Publ: <u>Pathology and Oncology Research</u>	Title: Angiogenesis-Dependent Diseases and Angiogenesis Therapy (Abstract only-Applicants do not have complete copy)	Vol/Iss: 7 (2)	Pages: 85-94	Date: 01/01/2001

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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Substitute for Form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application No.	10/789,471
				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	38	of	42	Attorney Docket Number	05213-3001 (13663-105082)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	284	Author: TISHLER et al. <u>Publ:</u> <u>Cancer Research</u>	Title: Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53		
			Vol/Iss: 55	Pages: 6021-6025	Date: 12/15/95
	285	Author: TREMBLAY et al. <u>Publ:</u> <u>Synthetic Communications</u>	Title: A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 β -(THPO-Heptyl)-Estradiol		
			Vol/Iss: 25 (16)	Pages: 2483-2495	Date: 1995
	286	Author: TREMBLAY et al. <u>Publ:</u> <u>Bioorganic & Medicinal Chemistry</u>	Title: Synthesis of 16-(Bromoalkyl)-Estradiols Having Inhibitory Effect on Human Placental Estradiol 17 β -Hydroxysteroid Dehydrogenase (17 β -HSD Type 1)		
			Vol/Iss: 3 (5)	Pages: 505-523	Date: 1995
	287	Author: TSUTSUI et al. <u>Publ:</u> <u>Carcinogenesis</u>	Title: Induction of Mammalian Cell Transformation and Genotoxicity by 2-Methoxyestradiol, an Endogenous Metabolite of Estrogen		
			Vol/Iss: 21 (4)	Pages: 735-740	Date: 01/01/2000
	288	Author: TUDER et al. <u>Publ:</u> <u>Clinicals in Chest Medicine</u>	Title: The Pathobiology of Pulmonary Hypertension. Endothelium		
			Vol/Iss: 22 (3)	Pages: 405-418	Date: 09/01/2001
	289	Author: TURNER et al. <u>Publ:</u> <u>Calciified Tissue International</u>	Title: 2-Methoxyestradiol Inhibits Longitudinal Bone Growth in Normal Female Rats		
			Vol/Iss: 66	Pages: 465-469	Date: 01/01/2000
/K.B./	290	Author: URAKAWA et al. <u>Publ:</u> <u>Theriogenology</u>	Title: Examination of a modified cell cycle synchronization method and bovine nuclear transfer using synchronized early G1 phase fibroblast cells		
			Vol/Iss: 62	Pages: 714-728	Date: 01/2004

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				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet	39	of	42	Attorney Docket Number	05213-3001 (13663-105082)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ⁶
/K.B./	291	Author: VAN DER EERDEN et al. Title: Evidence for genomic and nongenomic actions of estrogen in growth plate regulation in female and male rats at the onset of sexual maturation Publ: <u>Journal of Endocrinology</u>	Vol/Iss: 175	Pages: 277-288	Date: 01/2002
	292	Author: VAN DUURSEN et al. Title: Effects of several dioxin-like compounds on estrogen metabolism in the malignant MCF-7 and nontumorigenic MCF-10A human mammary epithelial cell lines Publ: <u>Toxicology and Applied Pharmacology</u>	Vol/Iss: 190	Pages: 241-250	Date: 01/2003
	293	Author: VERDIER-PINARD et al. Title: A Steroid Derivative with Paclitaxel-Like Effects on Tubulin Polymerization Publ: <u>Molecular Pharmacology</u>	Vol/Iss: 57	Pages: 568-575	Date: 01/01/2000
	294	Author: WALSH et al. Title: Angiogenesis in the Pathogenesis of Inflammatory Joint and Lung Diseases Publ: <u>Arthritis Research</u>	Vol/Iss: 3 (3)	Pages: 147-153	Date: 01/01/2001
	295	Author: WANG et al. Title: Synthesis of B-Ring Homologated Estradiol Analogues that Modulate Tubulin Polymerization and Microtubule Stability Publ: <u>Journal of Medicinal Chemistry</u>	Vol/Iss: 43	Pages: 2419-2429	Date: 2000
↓	296	Author: WANG et al. Title: A Simple Quantitative Method for Evaluation of Angiogenesis Activity Publ: <u>ASSAY and Drug Development Technologies</u>	Vol/Iss: 2 (1)	Pages: 31 - 38	Date: 01/2004
/K.B./	297	Author: WANG et al. Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Thyroid Cell Apoptosis Publ: <u>Molecular and Cellular Endocrinology</u>	Vol/Iss: 165	Pages: 163-172	Date: 01/01/2000

Examiner Signature	/Kristie Brooks/	Date Considered	07/23/2007
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				Filing Date	02/27/2004
				First Named Inventor	D'Amato et al.
				Group Art Unit	1609
				Examiner Name	Brooks, Kristie L.
Sheet		40	of	42	Attorney Docket Number
					05213-3001 (13663-105082)
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/K.B./	298	Author: WANG, Z. et al. Publ: <u>Synth Commun.</u>	Title: An Optimized Synthesis of 2-Methoxyestradiol, a Naturally Occurring Human Metabolite with Anticancer Activity Vol/Iss: 28 (23) Pages: 4431-4437 Date: 1998		
	299	Author: WATSON, P.G. Publ: <u>Eye</u>	Title: Management of Mooren's Ulceration (Abstract only-Applicants do not have complete copy) Vol/Iss: 11 (Pt 3) Pages: 349-356 Date: 01/01/1997		
	300	Author: WIEDEMANN, P. Publ: <u>Survey of Ophthalmology</u>	Title: Growth Factors in Retinal Disease: Proliferative Vitreoretinopathy, Proliferative Diabetic Retinopathy, and Retinal Degeneration (Abstract only-Applicants do not have complete copy) Vol/Iss: 36 (5) Pages: 373-384 Date: 03/01/1992		
	301	Author: WIESE et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17 β . A 3D QSAR Study Vol/Iss: 40 Pages: 3659-3669 Date: 1997		
	302	Author: WOOD et al. Publ: <u>Apoptosis</u>	Title: 2-MeOE2bisMATE induces caspase-dependent apoptosis in CAL51 breast cancer cells and overcomes resistance to TRAIL via cooperative activation of caspases Vol/Iss: 9 Pages: 323 - 332 Date: 01/2004		
↓	303	Author: WURTZ et al. Publ: <u>Journal of Medicinal Chemistry</u>	Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes, Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data Vol/Iss: 41 Pages: 1803-1814 Date: 1998		
/K.B./	304	Author: XIAO et al. Publ: <u>Hypertension</u>	Title: Effects of Estradiol and Its Metabolites on Glomerular Endothelial Nitric Oxide Synthesis and Mesangial Cell Growth Vol/Iss: 37 (part 2) Pages: 645-650 Date: 02/01/2001		

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				First Named Inventor D'Amato et al.			
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/K.B./	305	Author: YAZAKI et al. Publ: <u>Journal of Neurooncology</u>	Title: Inhibition of Angiogenesis and Growth of Human Non-Malignant and Malignant Meningiomas by TNP-470 (Abstract only-Applicants do not have complete copy)				
			Vol/Iss: 23 (1)	Pages: 23-29	Date: 01/01/1995		
	306	Author: YUE et al. Publ: <u>Molecular Pharmacology</u>	Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Apoptosis in Endothelial Cells and Inhibits Angiogenesis: Possible Role for Stress-Activated Protein Kinase Signaling Pathway and Fas Expression				
			Vol/Iss: 51	Pages: 951-962	Date: 1997		
	307	Author: ZACHARIA et al. Publ: <u>Journal for Pharmacology and Experimental Therapeutics</u>	Title: 2-Hydroxyestradiol Is A Prodrug of 2-Methoxyestradiol				
			Vol/Iss: 62(505)	Pages: 1 - 25	Date: 02/10/2004		
	308	Author: ZACHARIA et al. Publ: <u>Hypertension</u>	Title: Methylation of 2-Hydroxyestradiol in Isolated Organs				
			Vol/Iss: 42	Pages: 82-87	Date: 01/2003		
	309	Author: ZACHARIA et al. Publ: <u>Circulation</u>	Title: Methoxyestradiols Mediate the Antimitogenic Effects of 17 β -Estradiol				
			Vol/Iss: 108	Pages: 2974-2978	Date: 12/16/2003		
	310	Author: ZACHARIA et al. Publ: <u>Anteriosclerosis, Thrombosis and Vascular Biology</u>	Title: Catecholamines Abrogate Antimitogenic Effects of 2-Hydroxyestradiol on Human Aortic Vascular Smooth Muscle Cells				
			Vol/Iss: 21	Pages: 1745-1750	Date: 11/01/2001		
/K.B./	311	Author: ZACHARIA et al. Publ: <u>Hypertension</u>	Title: Increased 2-Methoxyestradiol Production in Human Coronary Versus Aortic Vascular Cells				
			Vol/Iss: 37 (part 2)	Pages: 658-662	Date: 02/01/2001		

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Sheet	42	of	42	Attorney Docket Number	05213-3001 (13663-105082)

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/K.B./	312	Author: ZHANG et al. Publ: <u>Mutation Research</u>	Title: Detection of 1,2,4-benzenetriol induced aneuploidy and microtubule disruption by fluorescence in situ hybridization and immunocytochemistry	Vol/Iss: 320	Pages: 315-327 Date: 1994
	313	Author: ZHANG et al. Publ: <u>Oncogene</u>	Title: Tumor suppressor ARF inhibits HER-2/neu-mediated oncogenic growth	Vol/Iss: 23	Pages: 7132-7143 Date: 01/2004
	314	Author: ZHENG et al. Publ: <u>American Journal of Pathology</u>	Title: Control of Stromal Keratitis by Inhibition of Neovascularization (Abstract only-Applicants do not have complete copy)	Vol/Iss: 159 (3)	Pages: 1021-1029 Date: 09/01/2001
	315	Author: ZHOU et al. Publ: <u>Acta Pharmacologica Sinica</u>	Title: 2-Methoxyestradiol induces cell cycle arrest and apoptosis of nasopharyngeal carcinoma cells	Vol/Iss: 25 (11)	Pages: 1515-1520 Date: 11/2004
/K.B./	316	Author: ZOUBINE et al. Publ: <u>International Journal of Oncology</u>	Title: 2-Methoxyestradiol-Induced Growth Suppression and Lethality in Estrogen-Responsive MCF-7 Cells May Be Mediated by Down Regulation of p34cdc2 and Cyclin B1 Expression (Abstract only-Applicants do not have complete copy)	Vol/Iss: 15 (4)	Pages: 639-646 Date: 10/1999

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